

DINESH.S

ENGINEER (PROJECT ASSIGNEE)

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Synopsis:

- A Dynamic Professional with 4+ years of experience in the Areas of New product design And Development & Value Engineering.
- High capacity to learn new Skills in objectively seeking New challenges, responsibilities And ways to develop and Extend knowledge and Experience.
- Team lead with a notable Analytical proficiency and ability to grasp new technical concepts Quickly and utilize the same in a Productive manner.

Key skills:

- New product design
- New product introduction
- Value analysis & value engineering
- Vehicle integration
- Static analysis
- Tolerance & Stack up analysis
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Experience:

Jun'15' - **M/s.TAFE Ltd (R&D), Chennai.**

Till date - **ENGINEER (PROJECT ASSIGNEE)**

- Designing of vehicle aggregates and packaging, generate new concepts as per project requirements.
- Carry out GD&T, Tolerance stack-up analysis for approved concepts.
- Carry out benchmarking activity in competitor vehicles and implement new design & packaging methods.
- Cost reduction for domestic tractors across various categories by carry out bench marking activity in competitor vehicles.
- Identify the cost reduction options through ABC analysis.
- Co-ordinate with Protoshop for building vehicle and test vehicle for evaluation.
- Verify 2D drawings of parts and assemblies for adherence to technical specification and design standards.
- Provide design support to vendors during component development.
- To implement design changes for regular running models through PIR/ECRs by updating relevant drawings and carry out evaluation trials in plant.
- Carry out layout study for estimating pair clearances between various Components / aggregates.
- Preparing FEA analysis for newly created components
- Preparing Ebom & installation drawings for release process.
- Drawing release process through the implementation of ECR & ECN.
- Concepts for vehicle packaging like Sheet metal components, Cooling system, Fuel system, Air Cleaner, Steering system, Brake controls.

March'13' - **HEMMINGER DATA MANAGEMENT SERIVICS, TRICHY.**

Feb'14' - **JUNIOR ENGINEER**

- Modelling, Detailing& Checking of machine parts/assemblies using Pro-E wildfire & Auto Cad.
- Incorporating the engineering / design changes to resolve the quality related problems.
- Design & Fabrication mounting structure of solar panels depend on the site condition.
- Preparing shortage list and material requirements for the project based on design.

July'12' - **M/s.Rane Engine valve ,Trichy**

Dec'13' - **DET (Diploma Engineer Trainee)**

- Generating manufacturing drawings of various parts.
- Modification of components according to customer requirements.
- Material specification identification and preparing the BOM.
- CNC Lathe Programmer for engine Valve
- Lathe turning for engine valve stem & Grooving
- Lathe programming for FANUC System

Software skills:

- Creo 2.0 & Pro-E wildfire
- Wind chill 10.1
- Anasys
- SAP
- Auto cad
- MS Office

Strengths:

- A self-motivated professional.
- Highly committed team player with strong conceptual & technical knowledge.
- Skilled at balancing and prioritizing multiple tasks to meet deadlines.
- Quick to grasp, sincere & diligent with work.

Personal details:

- Date of Birth : 22-12-1992
- Marital status : Single
- Gender : Male
- Nationality : Indian
- Mother tongue : Tamil
- Home town : Trichy, Tamilnadu
- Hobbies : Football & cricket
- Languages known : Tamil & English

Projects undertaken at TAFE:

- To implement design changes for regular running models through PIR/ECRs by updating relevant drawings and carry out evaluation trials in plant
- 2D stack-up analysis for exclusive components
- Tracking feedback from testing and service, report failure & coordinate corrective actions.
- Excellent understanding of material selection on gear shaft & Knowledge in gear ratio & selection.
- TAFE has had a partnership with AGCO Corporation & the MASSEY FERGUSON brand for over 55 years
- Provide design support to vendors during component development

Awards & Recognition:

- Received Award for the “Best Project of the year - 2017” for Commensuration of Tandem Pump Across various models in TAFE.
- Won Gold award for the CFT “Variant Management System” as a part of core member.
- Spearheaded the team which won the “Knowledge Bucket Challenge Competition” at TAFE Level.

Trainings undergone:

- **Auto Desk Inventor ,Creo illustrate,Mainikin for Creo**
- Communication and presentation skills.
- Understanding the GD&T.

Education:

- **B.E - Mechanical engg.** From of sathyabama institute of science & technology, Chennai.
- **DME--Mechanical engg.** from of sudharsan polytechnic college Pudukkottai
- **HSc.** From R.C hr.sec.school, Trichy
- **SSLC** From from Kalai Magal high school, Trichy.

Declaration:

I, **Dinesh** Confirm hereby, that the information given above is true to the best of my knowledge.

SIGNATURE: _____